

# Fire Island Photo Interpretation Key



Class: *Quercus stellata* -  
*Quercus velutina*/*Myrica*  
*pennsylvanica*/ *Deschampsia*  
*flexuosa* Forest (Maritime Post  
Oak Forest)

TNC Alliance Code:

I.B.2.N.a.29. 6373

CMI Code: 6373

Type Locator:

Restricted to the Floyd Estate

**TNC Alliance Description:** This community is a maritime oak forest on sandy deposits of the William Floyd Estate along a small inlet of Moriches Bay. The tree canopy has *Carya tomentosa* and *Quercus velutina* as co-dominants, but *Quercus stellata* (to 254 years old) is particularly characteristic. The shrub layer is fairly diverse with the tall shrub layer being dominated by



*Sassafras albidum* and the short shrub layer dominated by *Myrica pensylvanica*. *Smilax rotundifolia* is a common vine with greater than 25% cover. The herbaceous layer is sparse and characterized by *Carex pensylvanica*.

**Photo Interpretation:** This type was limited to the edge of waterways on the Floyd Estate. Only one stand was identified through ground survey. This stand appears very similar to the other oak dominated types found on the property.

**Field Notes:** *Quercus stellata* dominates this small stand located along a small inlet on the Floyd Estate.

**Ground Photos:**



**Similar Alliances:** *Quercus coccinea* - *Quercus velutina* / *Sassafras albidum* / *Vaccinium pallidum*  
**Forest** (Coastal Oak - Heath Forest): Dominated by *Quercus coccinea* rather than *Q. stellata*